Amica

SERVICE MANUAL

Freestanding cooker 500 and 600 / Range 2013

Gas - electric
Ceramic - electric
Electric

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Product identification

Location of nameplate

All the necessary information about the product can be found on the nameplate. The nameplate of the freestanding cooker is located on the back wall.

The serial number

The appliance serial number is printed on the nameplate. The serial number is necessary to match the correct spare parts for the product.

Decoding the serial number.

An example of the serial number: 99991111136513

9999 - serial number in the batch of the product
11111 - Product Code (a unique number for each type of appliance)
365 - day of production
13 - year of production

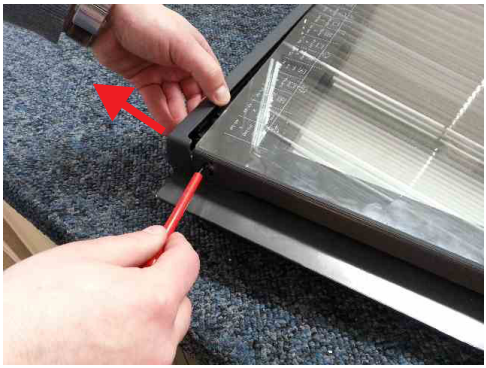
Door assembly

Removing the door assembly

1. Lift the lock of the left and right door hinge.

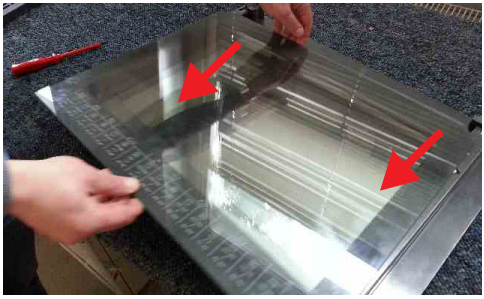
2. Position the door at an angle of 45° relative to the front of the appliance, lift and pull out toward yourself.

3. Place the door on a flat surface with the handle facing downward. Using a flat screwdriver, pry the cap of the profile on one side to remove it.



Door assembly

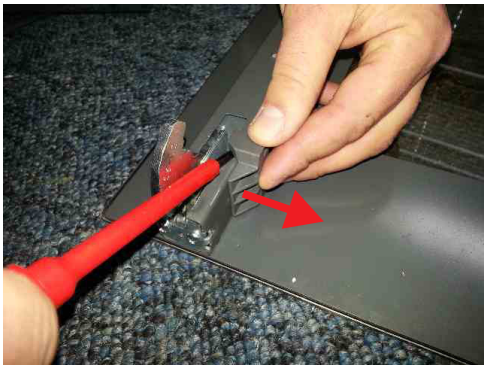
4. Pull out the inner glass panel and carefully lift it. Do the same with the middle glass panel(s).



5. Remove the screw that fastens the hinge to the inner glass profile. Pull the hinge out of the profile.

Refer to the Annex to the SBI_001 service manual.

6. Use the screwdriver to pry and remove the glass panel bracket.



Door assembly

7. Remove the door handle by undoing the screws.

8. To reassemble the components follow the above steps in reverse order.

Oven chamber seal

Dismantling the oven chamber seal

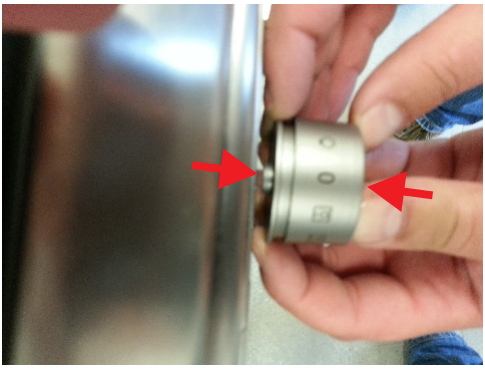
1. Unhook the seal holders from the front wall in four places (in the corners).

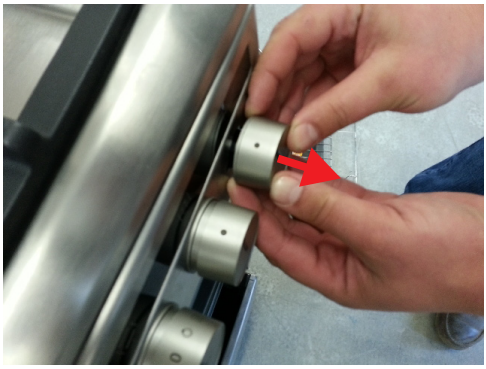
2. To reassemble the components follow the above steps in reverse order.

The seal should be mounted with the joint facing down.

Knob assembly (gas cooker)

1. Pry the knob's interior part, squeeze both parts together and pull toward yourself.





2. To reassemble the components follow the above steps in reverse order. Important! There is a spring between the two elements.

Oven shelves

Dismantling the shelf supports

1. Remove the runners from the shelf supports, unhook the shelf supports from the mounting holes.

2. To reassemble the components follow the above steps in reverse order.

Hob (gas cooker)

Dismantling the hob

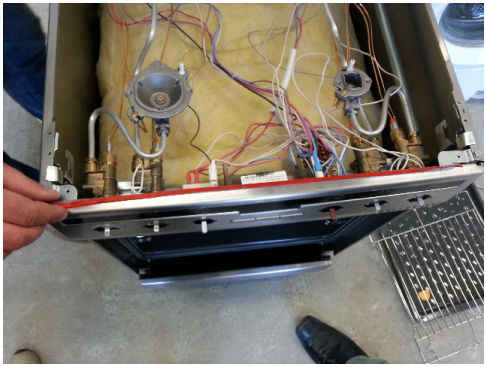
1. To dismantle the cover assembly open it maximally (to vertical position) and pull it upward. Remove the two screws that fix the hob to the freestanding cooker body.

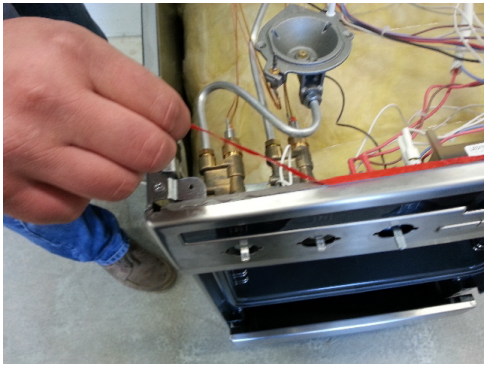
2. Undo the screws that fix the burner bodies (two screws for each burner).

3. Gently push the burner body to the inside; pay special attention not to damage the thermocouple and spark igniter.

4. Gently slide the hob toward the back and lift it.

5. After dismantling the hob, remove the old seal and, after repair, install a new seal when mounting the hob.



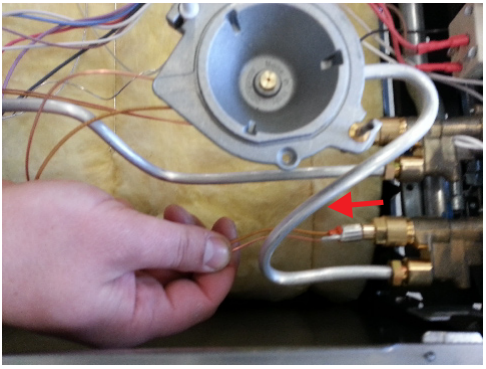


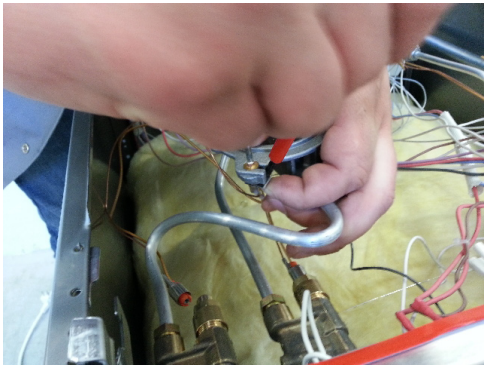
6. To reassemble the components follow the above steps in reverse order.

Thermocouple (gas cooker)

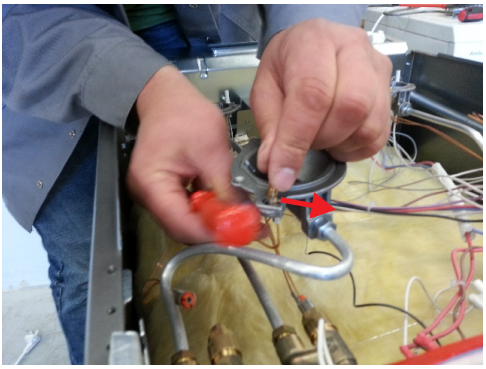
Replacing the thermocouple

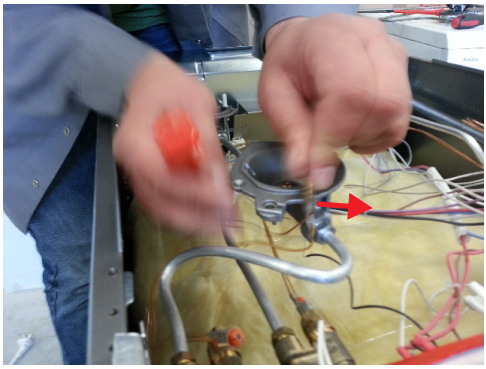
1. Unhook the thermocouple from the valve. Unhook the thermocouple lock located in the burner body, prying it with a flat screwdriver.





2. Slide the thermocouple from the burner body guide.



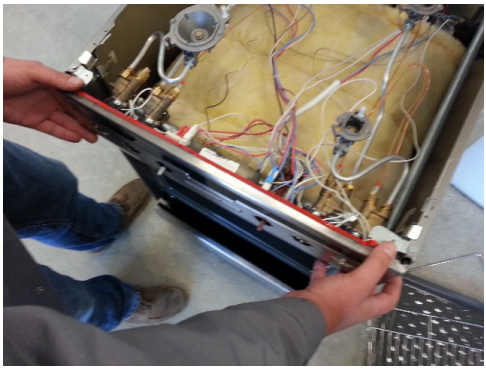


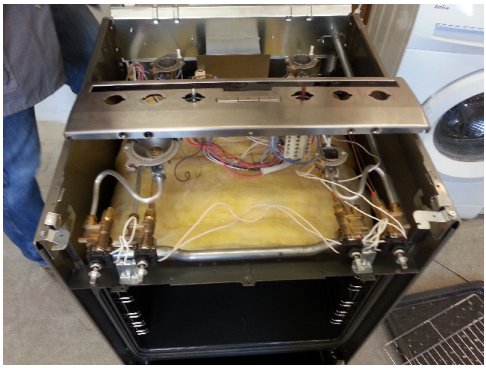
3. To reassemble the components follow the above steps in reverse order.

Front panel assembly

Dismantling the front panel

1. Dismantle the door assembly. Remove the two screws that fix the front panel to the freestanding cooker body. The screws are located on the bottom of the panel and are visible after opening or dismounting the door. Gently pull the panel toward yourself.

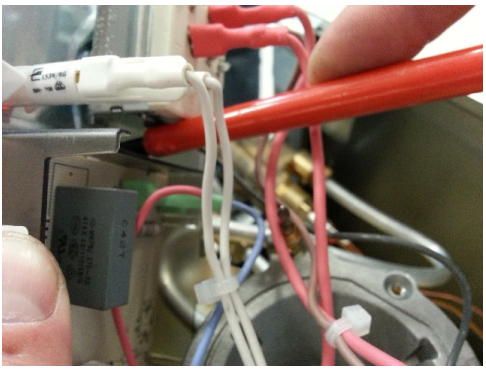


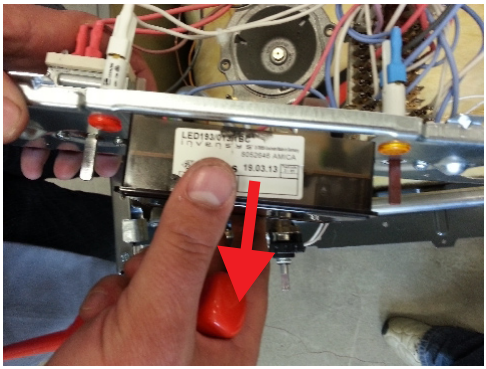


2. To reassemble the components follow the above steps in reverse order.

Dismantling the programmer

1. Disconnect the wiring harness, pry and unhook the programmer from the internal panel by pushing it to the outside.





2. To reassemble the components follow the above steps in reverse order.

Control panel buttons

Replacing the control panel buttons

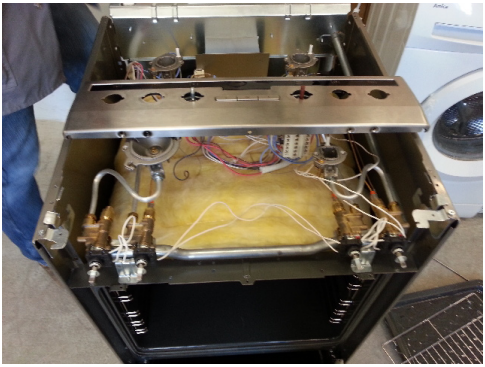
1. Using a flat screwdriver, pry the buttons' catch and push the buttons to the outside.

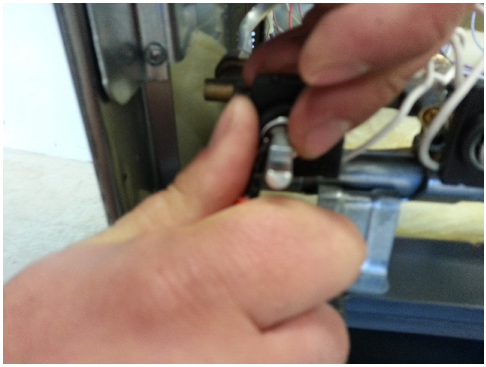
2. To reassemble the components follow the above steps in reverse order.

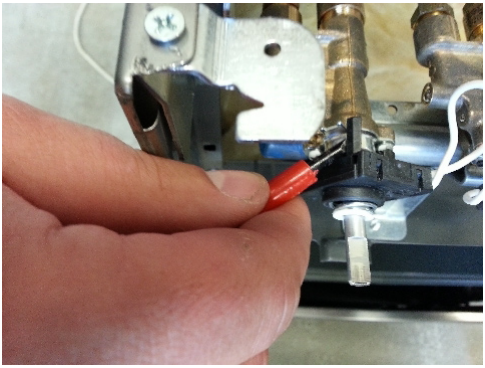
Igniter connector assembly (gas cooker)

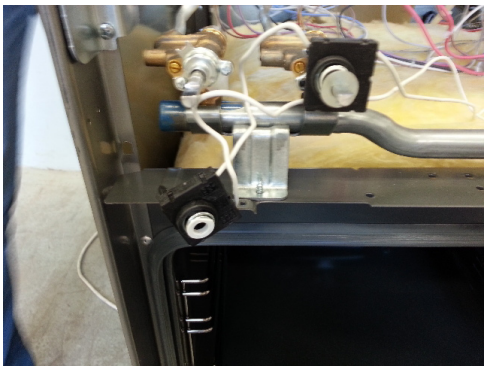
Dismantling the igniter connector

1. Dismantle the knobs, dismantle the front panel assembly. Remove the washer located directly under the knob assembly, on the valve stem. Pry and turn the igniter assembly and remove it from the valve. Repeat the procedure for all igniter connectors.







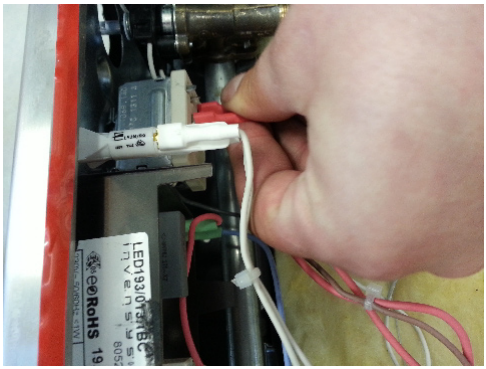


2. To reassemble the components follow the above steps in reverse order.

Temperature regulator assembly and function switch

Dismantling the temperature regulator

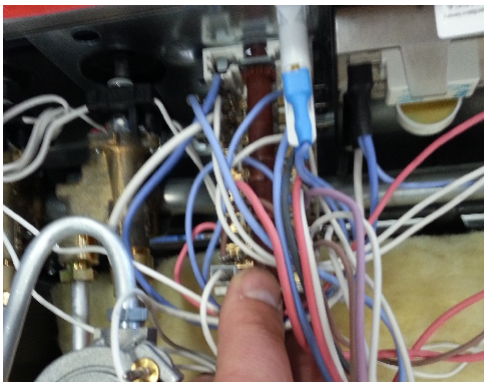
1. Dismantle the hob, dismantle the knob. Disconnect the temperature regulator wiring harness. Remove the two screws that fix the regulator.



2. To reassemble the components follow the above steps in reverse order.

Dismantling the function switch

1. Dismantle the hob, dismantle the knob. Disconnect the function switch wiring harness. Remove the two screws that fix the function switch.

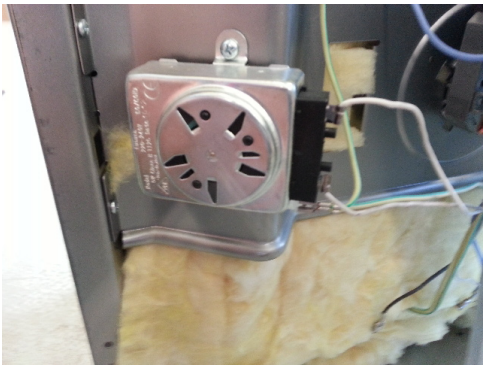
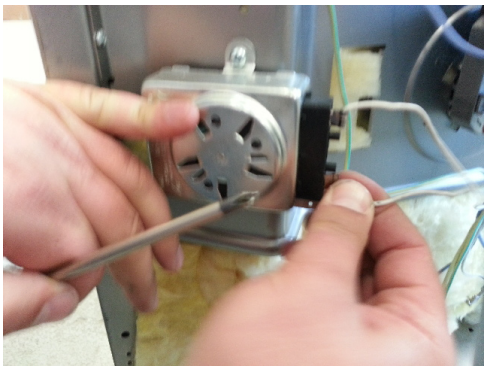
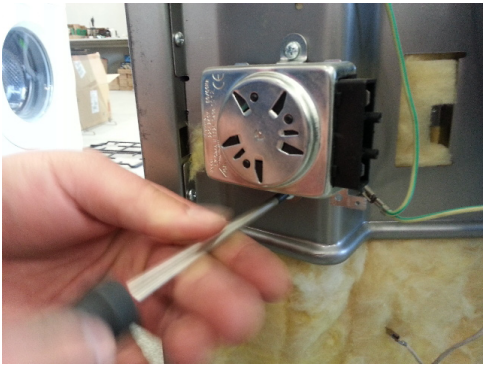
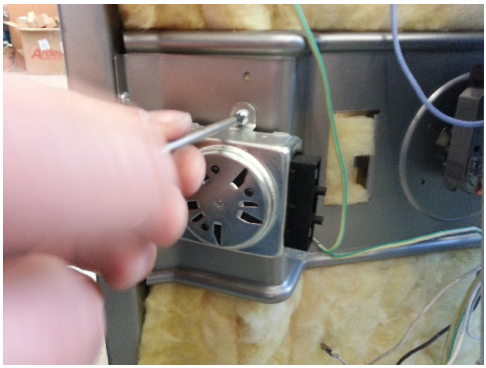


2. To reassemble the components follow the above steps in reverse order.

Rotisserie motor assembly

Replacing the rotisserie motor

1. Dismantle the rear wall by removing the screws on the sides. Disconnect the wiring harness from the rotisserie motor. Remove the two screws that fix the rotisserie motor.

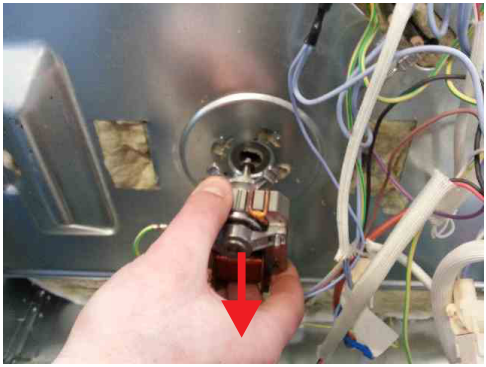
2. To reassemble the components follow the above steps in reverse order.

Convection fan assembly

Dismantling the fan

1. Remove the rear wall according to relevant instructions in the manual. Remove the fan guard by removing the screws. Remove the fan propeller by holding the fastening nut with the pliers and rotating propeller.

2. Remove the fan drive by bending the locking tab. Then turn counter-clockwise and pull the fan drive toward you. Disconnect the fan drive wiring harness.

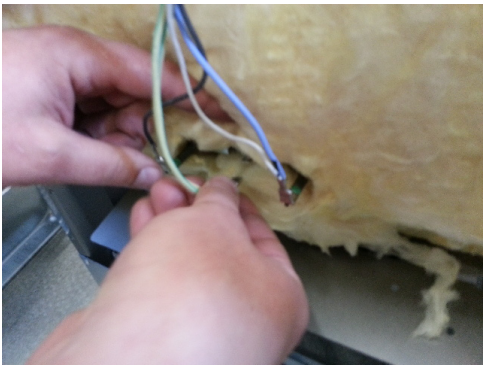


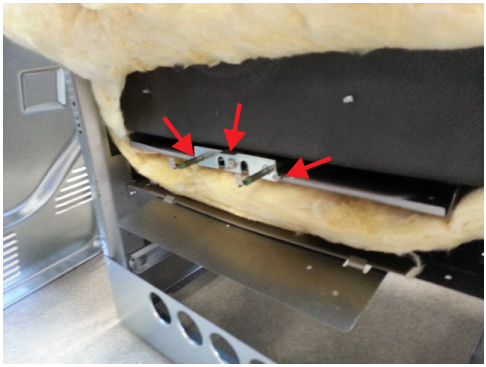
3. To reassemble the components follow the above steps in reverse order.

Bottom heater

Dismantling the bottom heater

1. Dismantle the rear wall by removing the screws on the sides. Disconnect the wiring harness from the heater. Gently remove the oven insulation, pay special attention not to damage (delaminate) the insulation. Using a flat screwdriver, gently deflect the catches securing the heater. Slide the heater toward yourself.



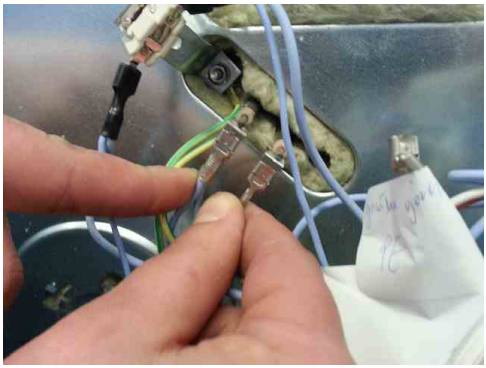


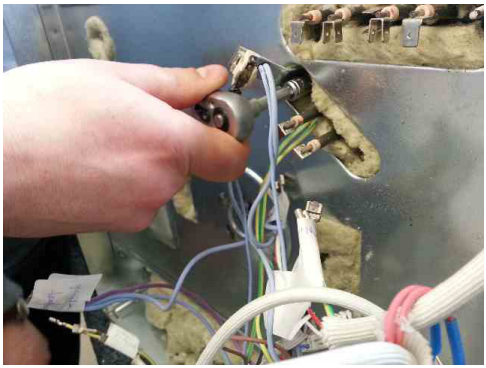
2. To reassemble the components follow the above steps in reverse order.

Convection fan heater

Dismantling the convection heater

1. Remove the rear wall and the fan guard according to relevant instructions in the manual. Disconnect the wiring harness from the convection fan heater. Using a socket head wrench undo and remove the nut securing the heater assembly.





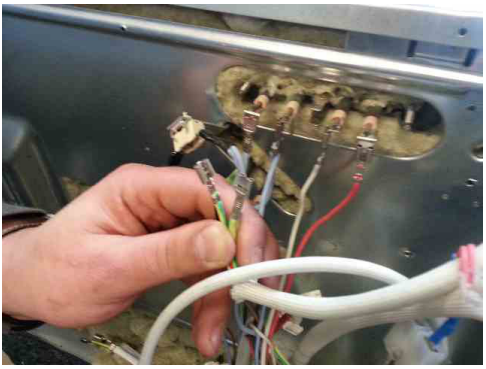
2. Inside the oven chamber, remove the screw securing the heater and pull the heater toward yourself.

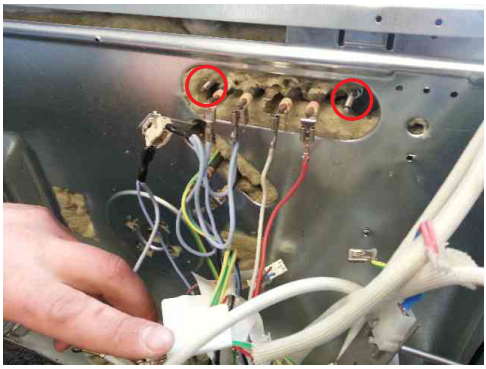
3. To reassemble the components follow the above steps in reverse order.

Top heater

Dismantling the top heater

1. Remove the rear wall according to relevant instructions in the manual. Disconnect the wiring harness of the top heater. Remove the nuts securing the heater to the oven chamber. After unscrewing, remove the heater from the oven chamber.





2. To reassemble the components follow the above steps in reverse order.

Front wall

Dismantling the front wall - according to IS-001 service manual

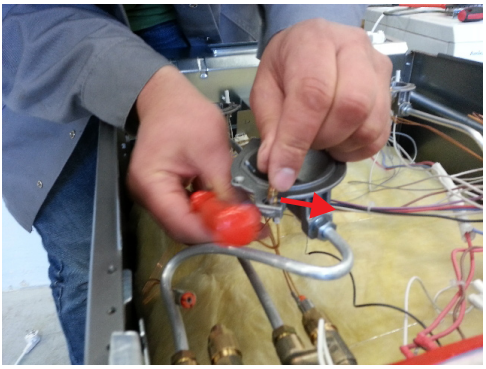
1. The rivets that fix the front wall to the appliance body must be removed by drilling.

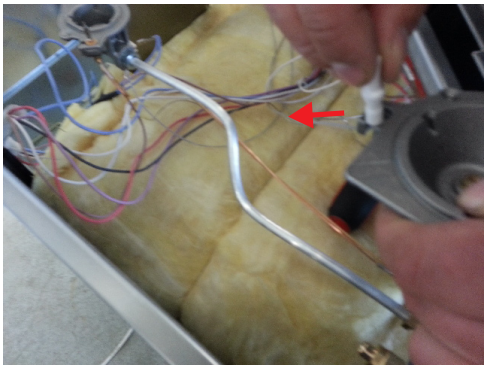
2. To reassemble the components follow the above steps in reverse order.

Install new rivets after the repair that required removal of rivets by drilling. Do not use screws - the service technician must have a riveter.

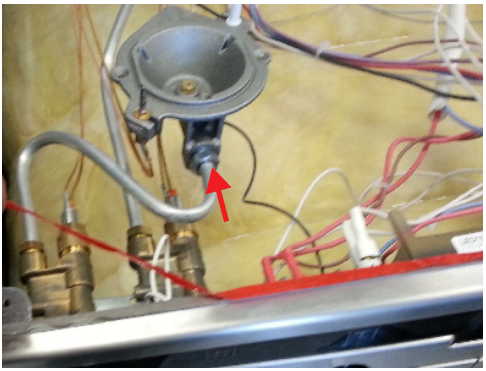
Replacing the burner body

1. Dismantle the hob, spark igniter and thermocouple according to relevant instructions in the manual.





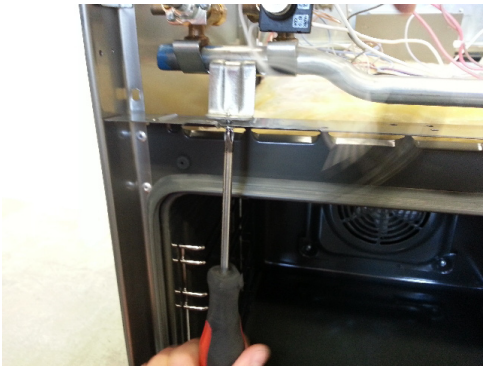
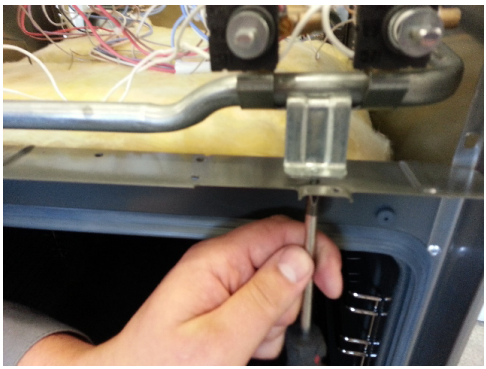
2. Disconnect the pipe that supplies gas to the burner body.



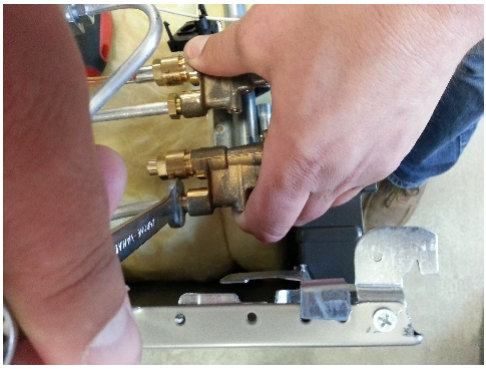
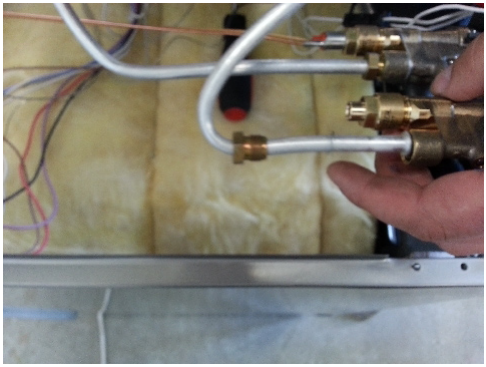
3. To reassemble the components follow the above steps in reverse order.

Replacing the valve

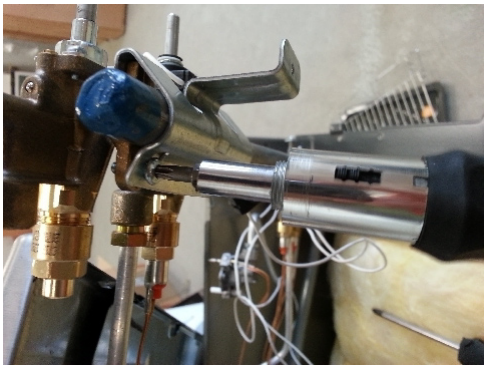
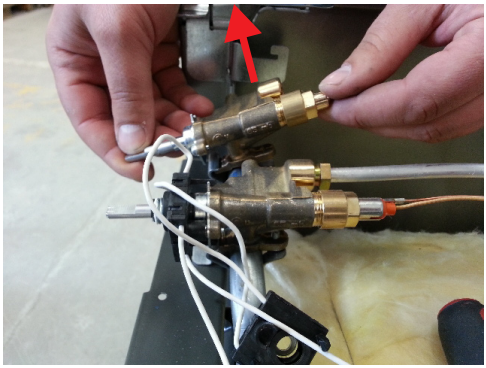
1. Dismantle the hob, dismantle the front panel assembly. After dismantling or opening the door, remove the two screws that fix the gas pipe assembly to the cooker body.

2. To replace the gas valve, disconnect the thermocouple according to relevant instructions in this manual, disconnect the pipe that supplies gas to the burner body.

3. Remove the screw that fixes the valve, dismantle the valve by lifting it.

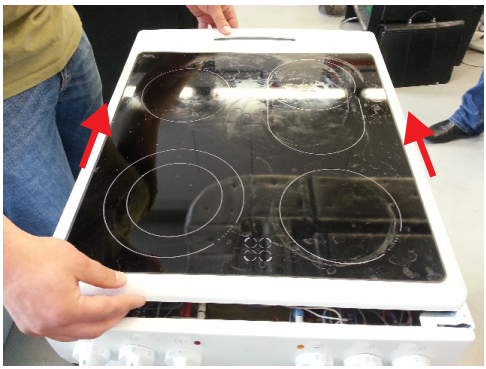



4. To reassemble the components follow the above steps in reverse order.

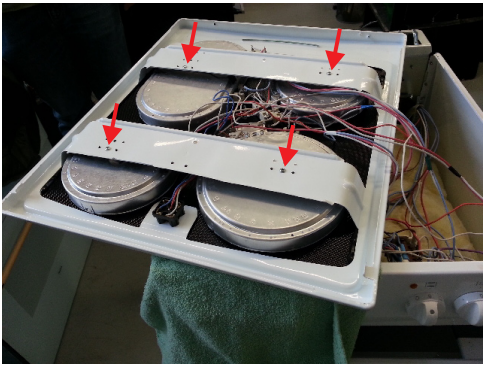
Hob assembly (ceramic hob cooker)

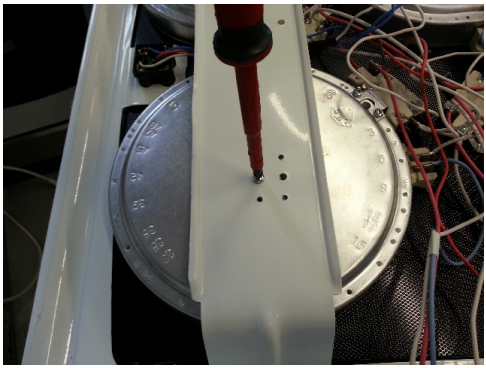
Replacing the cooking zones

1. Remove the screws that fix the hob in order to dismantle the hob. Slide the hob toward the back.

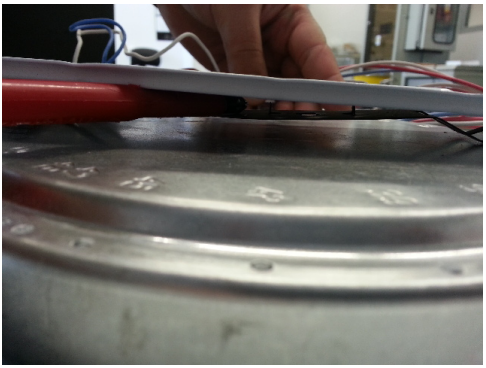


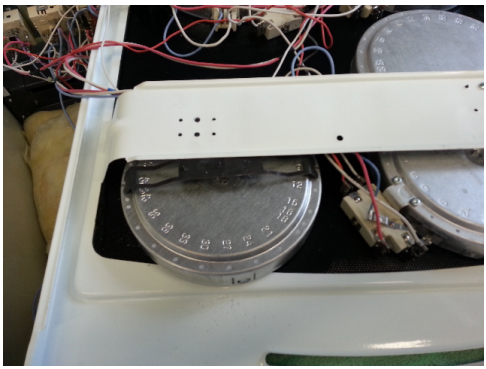
2. Place the hob upside-down, protect the cooking surface against scratching. Remove the screws that fix the cooking zone.





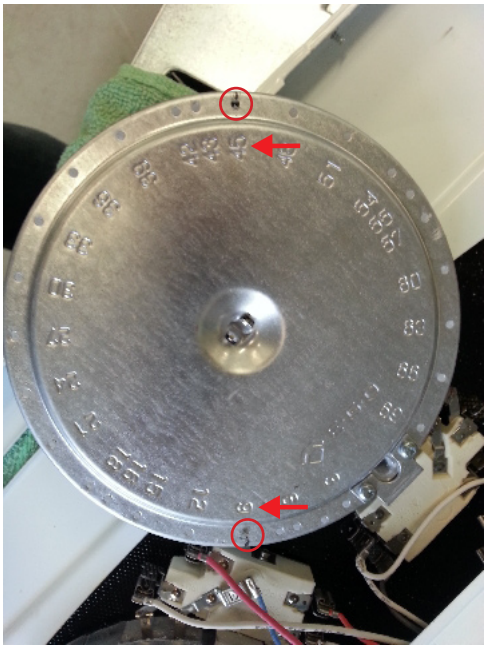
3. Press the spring that fixes the cooking zone in order to slide the cooking zone out.





Replacing the cooking zones

When installing a new cooking zone, install the spring in the same position as in the old cooking zone. If the spring is installed in a wrong manner, the actual cooking zone will be shifted in relation to the marking on the hob. Follow the numbers visible on the old and new cooking zones.

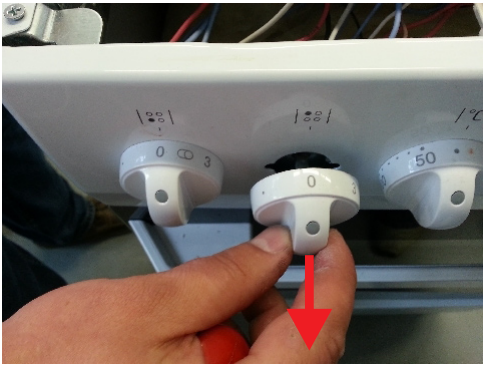


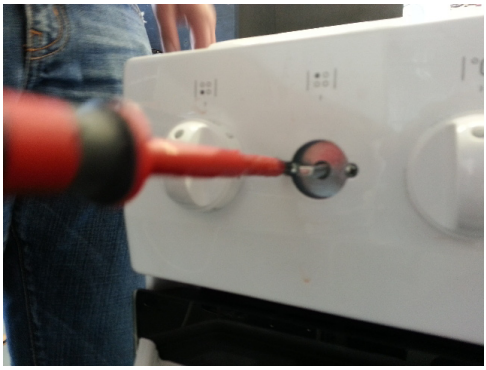
4. To reassemble the components follow the above steps in reverse order.

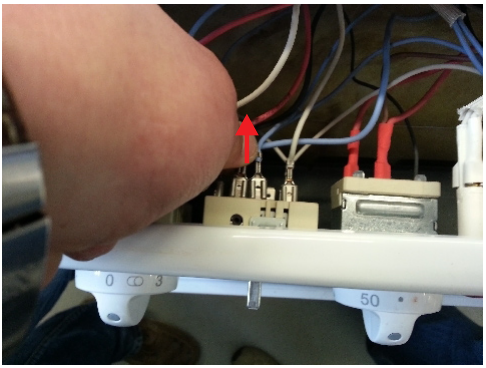
Energy metering device (ceramic hob cooker)

Replacing the energy metering device

1. Dismantle the hob, remove the knob by pulling it toward yourself. Disconnect the wiring harness. Remove the screws that fix the energy metering device. Slide the energy metering device out.







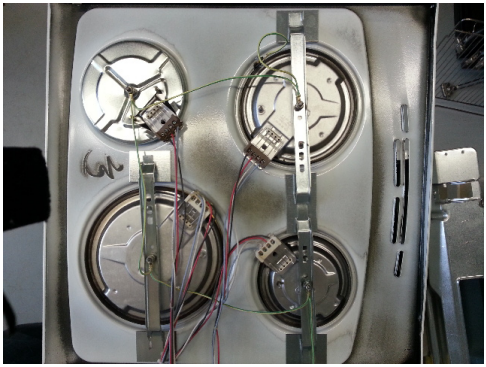
2. To reassemble the components follow the above steps in reverse order.

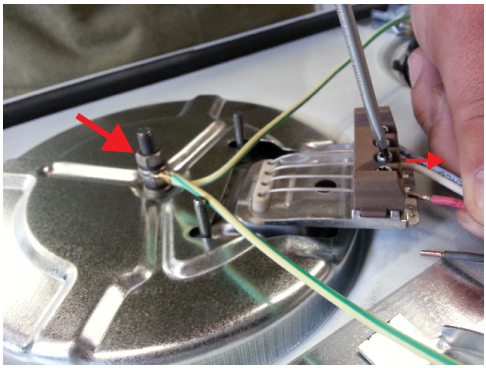
Hob assembly (electric cooker)

Replacing the cooking zones

1. Remove the screws that fix the hob in order to dismantle the hob. Slide the hob toward the back.

2. Place the hob upside-down. To dismantle the cooking zone, undo the nut that fixes the cooking zone and disconnect the wiring harness.



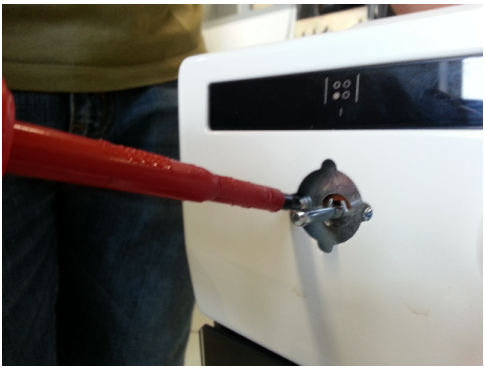


3. To reassemble the components follow the above steps in reverse order.

Cam connector of the hot plate (electric cooker)

Replacing the cooking zones

1. Dismantle the hob, remove the knob by pulling it toward yourself. Disconnect the wiring harness. Remove the screws that fix the cam connector of the hot plate. Slide the connector out.



2. To reassemble the components follow the above steps in reverse order.

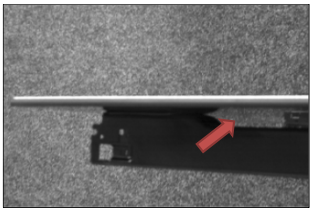
Notes

Notes

Amica	**Service Information Bulletin**	Document No.:	SBI-0001
		Date prepared:	2013-02-15
		Date revised:	2013-02-21
		Date changes made:	2012-07-01

Type of change:	Glass assembly frame / External glass assembly
Implementation in products:	Built-in ovens and freestanding cookers of width 500 and 600 (for products manufactured with door assembly comprising Brerr's door hinge). No changes were made to the design of product series 608* with convex door (bulging outward)
Origin:	Until **2010-06-26** - Brerr's hinge (longer) + non-profiled U sections glued to the glass used in production. From **2010-06-26** until **2013-01-17** - Atasan hinge (shorter) + non-profiled U sections glued to the glass used in production Since **2013-01-17** - new profiled U section glued to the glass + Atasan hinge (shorter) used in production

Obsolete element	
Obsolete element index	n/a
	Strip glued on its entire length

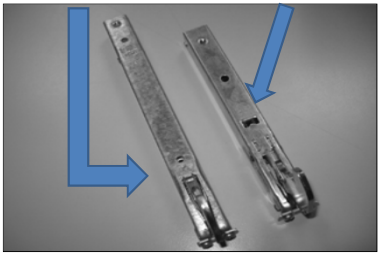
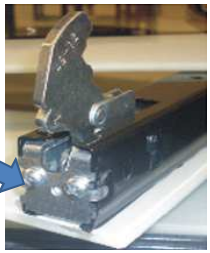
New element	
New element index	n/a
	The assembly surface of the strip on glass was reduced, there is a gap indicated on the picture

For more efficient parts delivery, please check if the customer's appliance is with or without the gap, before ordering spare parts

Obsolete elements may be used in new products	YES
New elements may be used in obsolete products	CONDITIONALLY*

*** Additional modification**

In obsolete products also hinge must be replaced**

Obsolete hinge: Brerr	New hinge: Atasan	For door assembly hole plugs are added free of charge (use them with a new hinge)
		

Additional notes:

** When replacing door or glass assembly in products manufactured before 2010-06-26, additional two Atasan hinges must be ordered, as the originally used hinges are not suitable for the new type glass assembly which was introduced on 2013-01-17.
Those products are labelled with serial numbers lower than: X X X X X X X X 1 7 7 1 0

When ordering the hinge, please give the appliance serial number to select an appropriate tension of springs in hinges. Available hinges:
ATASAN DOOR HINGE - P0802A1 (2) **8042000** - Freestanding cookers 500 and freestanding cookers of 608* series
ATASAN DOOR HINGE - P0802B1 (3) **8042001** - Freestanding cookers 600 and built-in ovens / glass x2 (external and internal)
ATASAN DOOR HINGE - P0802C1 (4) **8042002** - Freestanding cookers 600 and built-in ovens / glass x3 (external, middle, internal)
ATASAN DOOR HINGE - P0802C1 (5) **8051075** - Products with pyrolysis function and selected induction cookers

When installing a glass assembly in a product manufactured before 2010-06-26, use obsolete glass suspension elements.

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(06.2013)